

62719-442

10/29/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

OCT 29 2013

Ms Jennifer Lukus
Dow AgroSciences LLC
9330 Zionsville Road
Indianapolis, IN 46268

Subject: Label Amendment to add IR-4 Petitioned Uses: Herb Subgroup 19A(except chives), Date, Sorghum, Pea and Bean Subgroup 6C (except blackeyed and southern pea), Fruiting Vegetables Group 8-10, Pome Fruit Group 11-10, Berry Subgroups 13-07 A, F, & G, Sugar apple, Cherimoya, Atemoya, Custard apple, Ilama, Soursop, and Biriba
D472138

EPA Registration No. 62719-442
Intrepid® 2F

Submission dated August 30, 2012

Dear Ms Lukus:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is subject to the comments listed below.

You have previously agreed to fulfill outstanding data requirements (as per Agency Memo of July 11, 2012; D445961) including:

- Monitoring of surface water and sediment in representative sample of high use areas in proximity to surface water (study ongoing, final report to be submitted by March 18, 2014)

At your next label printing, or within eighteen (18) months, whichever comes first, you must incorporate the supplemental labeling into the main product labeling.

If you fail to satisfy any of the conditions imposed on this registration, e.g., you fail to submit the required data by the specified deadlines or the data submitted were not generated in accordance with applicable test guidelines, EPA may issue notice to cancel these uses under FIFRA 6(e).

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Stamped copies of the supplemental labels are enclosed for your records. Two (2) copies of the final printed labels must be submitted prior to releasing the product for shipment.

If you have questions regarding this action, please contact Olga Odiott at (703) 308-9369.

Sincerely,



Richard Gebken
Product Manager 10
Insecticide Branch
Registration Division (7505P)

Enclosure: 9 supplemental labels

5/24

Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Intrepid® 2F

EPA Reg. No. 62719-442

Control of Lepidoptera Larvae Infesting Tropical Tree Fruits¹ (Not for Use and Distribution in New York State)

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Intrepid® 2F insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Intrepid 2F according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Intrepid 2F.

Directions for Use

¹Tropical tree fruits including acerola, atemoya, avocado, biriba, black sapote, canistel, cherimoya, custard apple, feijoa, guava, ilama, jaboticaba, longan, lychee, mamey sapote, mango, papaya, passionfruit, pulasan, rambutan, sapodilla, soursop, Spanish lime, star apple, starfruit, sugar apple, wax jambu

Refer to product label for General Information, Mixing and Application directions.

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
lepidopteran larvae including European grapevine moth guava moth (<i>Argyresthia</i>) leafrollers light brown apple moth loopers orange tortrix spanworms webbing worms western tussock moth	10 - 16 (0.16 - 0.25 lb ai/acre)	Apply at egg hatch or when first signs of feeding occur. Use a higher rate for heavier infestations and under conditions in which thorough coverage is more difficult. Under heavy infestations, continuous moth flights and/or egg masses and larvae in all stages of development, reapply at a 6- to 10-day re-treatment interval to protect new growth until moth flights and/or hits subside.	<ul style="list-style-type: none"> • Do not apply more than a total of 64 fl oz of Intrepid 2F (1 lb ai) per acre per year. • Do not make more than 5 applications per calendar year. • Acerola, Feijoa, Guava, Jaboticaba, Passionfruit, Starfruit, Wax Jambu Preharvest Interval: Do not apply within 3 days of harvest. Minimum Re-treatment Interval: 6 days

ACCEPTED
with COMMENTS
In EPA Letter Dated
OCT 29 2013
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
62719-442

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Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
			<ul style="list-style-type: none"> • Atemoya, Avocado, Biriba, Cherimoya, Custard Apple, Ilima, Soursop, Sugar Apple Preharvest Interval: Do not apply within 2 days of harvest. Minimum Re-treatment Interval: 6 days • Black Sapote, Canistel, Mamey Sapote, Mango, Papaya, Sapodilla, Star Apple Preharvest Interval: Do not apply within 3 days of harvest. Minimum Re-treatment Interval: 10 days • Longan, Lychee, Pulasan, Rambutan, Spanish Lime Preharvest Interval: Do not apply within 14 days of harvest. • Minimum Re-treatment Interval: 10 days

Ground Application: Apply in a minimum of 50 gpa by conventional ground equipment to trees 10 feet tall or less. For trees greater than 10 feet tall, apply in a minimum of 100 gpa by conventional group equipment. Use a higher carrier volume for heavy infestations and in situations where thorough coverage is difficult to achieve. Use a spray volume that assures uniform coverage of the infested portions of the treated crop. Calibrate equipment to the desired spray volume.

Aerial Application: Apply in a minimum of 10 gpa. Use a higher carrier volume for heavy infestations and in situations where thorough coverage is difficult to achieve.

Spray Adjuvants: The addition of agricultural adjuvants to sprays of Intrepid 2F may improve initial spray deposits, redistribution and weatherability. Select adjuvants that are recommended and registered for your specific use pattern and follow their use directions. When an adjuvant is to be used with this product, Dow AgroSciences recommends the use of a Chemical Producers and Distributors Association certified adjuvant. Always add adjuvants last in the mixing process.

Note: Drift and runoff from applications of this product may be hazardous to sensitive aquatic invertebrates in water bodies adjacent to the treatment area. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.

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 R846-090
 EPA accepted ___/___/___
 Initial printing.

Supplemental Labeling



ACCEPTED
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In EPA Letter Dated
OCT 29 2013
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
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registered under EPA Reg. No.
62719-442

5/20

Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054 USA

Intrepid® 2F EPA Reg. No. 62719-442

Control of Lepidoptera Larvae Infesting Small Fruit Vine Climbing (Except Fuzzy Kiwifruit and Grape) (Crop Group 13-07F)¹ (Not for Use and Distribution in New York State)

- ATTENTION**
- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
 - This labeling must be in the possession of the user at the time of application.
 - Read the label affixed to the container for Intrepid® 2F insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
 - Use of Intrepid 2F according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Intrepid 2F.

Directions for Use

¹Small fruit vine climbing (except fuzzy kiwifruit and grape) (crop group 13-07F) including amur river grape, gooseberry, hardy kiwifruit, maypop, schisandra berry, cultivars, varieties, and/or hybrids of these

Refer to product label for General Information, Mixing and Application directions.

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
grape berry moth	8 - 16 (0.12 - 0.25 lb ai/acre)	For internal feeding lepidoptera larvae, apply at initiation of egg hatch for each generation. Reapply within 10 to 18 days to ensure complete coverage of rapidly expanding fruits or foliage.	<ul style="list-style-type: none"> • Do not apply more than 16 fl oz per acre per application or a total of 48 fl oz of Intrepid 2F (0.75 lb ai) per acre per season. • Preharvest Interval: Do not apply within 30 days of harvest.
grape leaf folder light brown apple moth omnivorous leafroller obliquebanded leafroller orange tortrix redbanded leafroller		<p>Spring generation: Apply at first sign of larval infestation or to small larvae when threshold levels occur.</p> <p>Summer generation: For each generation, apply at first egg hatch. Reapply at 10- to 14-day intervals under high pressure or sustained moth flight.</p>	

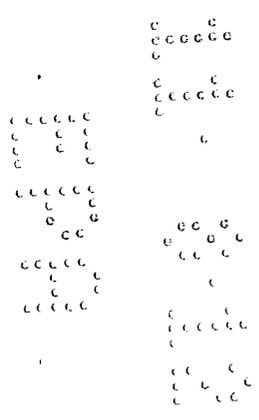
Ground Application: Apply in a minimum of 40 gallons per acre by conventional airblast or over the row sprayer. If using other type of sprayer, apply in sufficient carrier volume to ensure thorough, uniform cover of the crop. Use a spray volume that assures uniform coverage of the infested portions of the treated crop. Calibrate equipment to the desired spray volume.

Aerial Application: Apply in a minimum of 20 gallons per acre. This method should not be used if the density of the foliage prohibits thorough, uniform coverage of the entire vine canopy.

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Spray Adjuvants: The addition of agricultural adjuvants to sprays of Intrepid 2F can improve initial spray deposits, redistribution and weatherability, and is highly recommended for improved efficacy. Select adjuvants that are recommended and registered for your specific use pattern and follow their use directions. When an adjuvant is to be used with this product, Dow AgroSciences recommends the use of a Chemical Producers and Distributors Association certified adjuvant. Always add adjuvants last in the mixing process.

Note: Drift and runoff from applications of this product may be hazardous to sensitive aquatic invertebrates in water bodies adjacent to the treatment area. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.



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R846-077

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Initial printing.

7/24

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with COMMENTS
In EPA Letter Dated
OCT 29 2013
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
62719-442

Supplemental Labeling



Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054 USA

Intrepid® 2F EPA Reg. No. 62719-442

Control of Lepidoptera Larvae Infesting Low Growing Berry (Except Cranberry) (Crop Group 13-07G)¹ (Not for Use and Distribution in New York State)

- ATTENTION**
- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
 - This labeling must be in the possession of the user at the time of application.
 - Read the label affixed to the container for Intrepid® 2F insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
 - Use of Intrepid 2F according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Intrepid 2F.

Directions for Use

¹Low growing berry (except cranberry) (crop group 13-07G) including bearberry, bilberry, cloudberry, lingonberry, lowbush blueberry, muntries, partridgeberry, strawberry, cultivars, varieties, and/or hybrids of these

Refer to product label for General Information, Mixing and Application directions.

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
armyworms corn earworm (suppression only) cutworms (suppression only)	6 – 12 (0.09 – 0.19 lb ai/acre)	For early season applications to young crops and small plants. Apply at first sign of feeding damage or when infestations reach threshold levels as defined by a cooperative extension service or other qualified professional authorities. For heavy infestations, continuous moth flights, and/or egg masses and larvae in all stages of development, a 10- to 14-day re-treatment interval is required to protect new growth until moth flights and/or hits subside.	<ul style="list-style-type: none"> • Do not apply more than 12 fl oz per acre per application or a total of 64 fl oz of Intrepid 2F (1 lb ai) per acre per season. • Preharvest Interval: Do not apply within 3 days of harvest. • Minimum Re-treatment Interval: 10 days • See Rotational Crop Restrictions on the label affixed to the container.

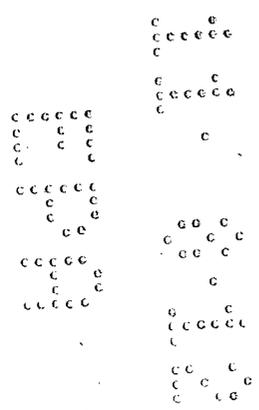
Ground Application: Apply in a minimum of 10 gallons per acre by conventional ground equipment to young crop or small plants. Apply in a minimum of 20 gallons per acre to densely foliated or difficult to cover crops to ensure thorough coverage. Use a spray volume that assures uniform coverage of the infested portions of the treated crop. Calibrate equipment to the desired spray volume.

Aerial Application: Apply in a minimum of 10 gallons per acre.

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Spray Adjuvants: The addition of agricultural adjuvants to sprays of Intrepid 2F may improve initial spray deposits, redistribution and weatherability. Select adjuvants that are recommended and registered for your specific use pattern and follow their use directions. When an adjuvant is to be used with this product, Dow AgroSciences recommends the use of a Chemical Producers and Distributors Association certified adjuvant. Always add adjuvants last in the mixing process.

Note: Drift and runoff from applications of this product may be hazardous to sensitive aquatic invertebrates in water bodies adjacent to the treatment area. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.



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Initial printing.

OCT 29 2013

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No.

62719-442

Supplemental Labeling



Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054 USA

Intrepid® 2F

EPA Reg. No. 62719-442

Control of Lepidoptera Larvae Infesting Sorghum (Grain and Sweet) (Not for Use and Distribution in New York State)

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Intrepid® 2F insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Intrepid 2F according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Intrepid 2F.

Directions for Use

Refer to product label for General Information, Mixing and Application directions.

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
southwestern corn borer sugarcane borer	8 – 10 (0.12 – 0.16lb ai/acre)	Apply at first sign of egg hatch or when infestations reach threshold levels as defined by a cooperative extension service or other qualified professional authorities. Apply as broadcast or multi-nozzle over the row application to mid- and late-season infestations.	<ul style="list-style-type: none"> • Do not apply more than 12 fl oz per acre per application or 48 fl oz of Intrepid 2F (0.75 lb ai) per acre per season. • Preharvest Interval: Do not apply within 21 days of grain or stover harvest, or within 3 days of forage or sweet sorghum stalk harvest. • See Rotational Crop Restrictions on the label affixed to the container.
beet armyworm fall armyworm		Apply at first sign of egg hatch, feeding damage, or when infestations reach threshold levels as defined by a cooperative extension service or other qualified professional authorities. Under heavy infestations, continuous moth flights, or rapid crop growth and development, reapply at 10-day re-treatment intervals.	

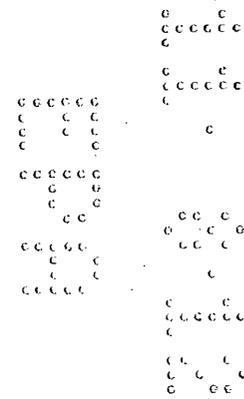
Ground Application: Apply in a minimum of 15 gallons per acre by conventional ground equipment. Use a spray volume that assures uniform coverage of the infested portions of the treated crop. Calibrate equipment to the desired spray volume.

Aerial Application: Apply in a minimum of 10 gallons per acre.

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Spray Adjuvants: The addition of agricultural adjuvants to sprays of Intrepid 2F may improve initial spray deposits, redistribution and weatherability. Select adjuvants that are recommended and registered for your specific use pattern and follow their use directions. When an adjuvant is to be used with this product, Dow AgroSciences recommends the use of a Chemical Producers and Distributors Association certified adjuvant. Always add adjuvants last in the mixing process.

Note: Drift and runoff from applications of this product may be hazardous to sensitive aquatic invertebrates in water bodies adjacent to the treatment area. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.



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Initial printing.

11/24

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 62719-442

Supplemental Labeling



Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054 USA

Intrepid® 2F EPA Reg. No. 62719-442

Control of Lepidoptera Larvae Infesting Pome Fruit (Crop Group 11-10)¹

- ATTENTION**
- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
 - This labeling must be in the possession of the user at the time of application.
 - Read the label affixed to the container for Intrepid® 2F insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
 - Use of Intrepid 2F according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Intrepid 2F.

Directions for Use

¹Pome fruit (crop group 11-10) including apple, Asian pear, azarole, crabapple, loquat, mayhaw, medlar, pear, quince, tejocote, cultivars, varieties, and/or hybrids of these

Refer to product label for General Information, Mixing and Application directions.

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
codling moth (suppression only) For use against low to moderate infestations in conjunction with alternate control measures such as in established mating disruption blocks.	16 (0.25 lb ai/acre)	For each generation, apply at the initiation of egg lay (usually occurs at 100 to 200 DD, base 50°F, following biofix). Reapply 10 to 18 days later.	<ul style="list-style-type: none"> • Do not apply more than a total of 64 fl oz of Intrepid 2F (1 lb ai) per acre per season • Preharvest Interval: Do not apply within 14 days of harvest. • Aerial application is allowed only for the last two applications prior to harvest.
lesser appleworm oriental fruit moth	12 - 16 (0.19 - 0.25 lb ai/acre)		
obliquebanded leafroller pandemis leafroller	8 - 16 (0.12 - 0.25 lb ai/acre)	<p>Spring (overwintering) generation: Make 1 to 2 applications during the pink to petal fall period depending upon infestation level.</p> <p>Summer generation: Make the first application during the period of peak egg lay to early egg hatch (usually 200 to 400 DD following biofix). Reapply 10 to 18 days later (usually 500 to 700 DD).</p>	

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Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
eyespotted bud moth fruittree leafroller light brown apple moth redbanded leafroller variegated leafroller		For control of surface or foliar feeding leafroller larvae, apply when larvae are feeding.	
tufted apple bud moth	6 - 10 (0.09 - 0.16 lb ai/acre)	For each generation, apply at 10 to 30% egg hatch.	
spotted tentiform leafminer western tentiform leafminer	8 - 12 (0.12 - 0.19 lb ai/acre)	First generation: Apply at pink to petal fall. Second, third generation: Apply at early egg hatch for each generation.	
lacanobia fruitworm	12 (0.19 lb ai/acre)	Apply at egg hatch or at the first sign of larval infestation. Reapply within 10 to 14 days.	

For best protection, begin applications before egg hatch of each generation. For pests that penetrate fruit apply Intrepid 2F before the larval hatch and penetrate the fruit. Intrepid 2F provides 10 to 18 days of protection depending upon application rate and how rapidly fruit and/or leaves are expanding. Most effective crop protection results from an application of Intrepid 2F made at the initiation of egg hatch. For heavy infestations, continuous moth flight and egg laying, or extended egg hatch, use the maximum specified rates. Maintain coverage on the fruit surface with 10- to 18-day re-treatment intervals.

Intrepid 2F may also be used in a program approach alternated or interspersed with other insecticides. Make sure the re-treatment interval does not exceed the period of effectiveness of the alternate products and Intrepid 2F.

Consult local spray timing advisories or follow biofix dates based upon pheromone trap catches to time sprays appropriately.

Ground Application: Apply Intrepid 2F by conventional ground sprayers which are calibrated to deliver a minimum of 50 gallons per acre to trellised trees or trees 10 feet tall or less. For trees greater than 10 feet tall use a minimum of 100 gallons per acre.

Aerial Application: Aerial application is allowed only for the last two applications prior to harvest. Apply Intrepid 2F in a minimum of 20 gallons per acre. Intrepid 2F can be applied by aerial applications when conditions warrant. However, this method should not be used if the size of the tree or density of the foliage prohibits thorough, uniform coverage of the entire tree canopy.

Spray Adjuvants: The addition of agricultural adjuvants to sprays of Intrepid 2F may improve initial spray deposits, redistribution and weatherability. Select adjuvants that are recommended and registered for your specific use pattern and follow their use directions. When an adjuvant is to be used with this product, Dow AgroSciences recommends the use of a Chemical Producers and Distributors Association certified adjuvant. Always add adjuvants last in the mixing process.

Note: Drift and runoff from applications of this product may be hazardous to sensitive aquatic invertebrates in water bodies adjacent to the treatment area. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.

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R846-079

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Initial printing.

Supplemental Labeling



Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054 USA

Intrepid® 2F EPA Reg. No. 62719-442

**Control of Lepidoptera Larvae Infesting Herbs (Fresh and Dried) (Except Chive)
(Subgroup 19A)¹
(Not for Use and Distribution in New York State)**

- ATTENTION**
- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
 - This labeling must be in the possession of the user at the time of application.
 - Read the label affixed to the container for Intrepid® 2F insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
 - Use of Intrepid 2F according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Intrepid 2F.

Directions for Use

¹Herbs (fresh and dried) (except chive) (subgroup 19A) including angelica, annual marjoram, balm, basil, borage, burnet, camomile, catnip, chervil (dried), coriander (leaf), costmary, culantro (leaf), curry (leaf), dillweed, horehound, hyssop, lavender, lemongrass, lovage (leaf), marigold, marjoram, nasturtium, oregano, parsley (dried), pennyroyal, pot marjoram, rosemary, rue, sage, summer savory, sweet bay, sweet marjoram, tansy, tarragon, thyme, wild marjoram, wintergreen, winter savory, woodruff, wormwood

Refer to product label for General Information, Mixing and Application directions.

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
beet armyworm cabbage looper cutworms (suppression only) fall armyworm garden webworm imported cabbageworm southern armyworm true armyworm yellowstriped armyworm	4 – 8 (0.06 – 0.12 lb ai/acre)	For early season applications only to young crops and small plants. Apply at first sign of feeding damage or when infestations reach threshold levels as defined by a cooperative extension service or other qualified professional authorities.	<ul style="list-style-type: none"> • Do not apply more than 16 fl oz per acre per application or a total of 64 fl oz of Intrepid 2F (1 lb ai) per acre per season. • Preharvest Interval: Do not apply within 1 day of harvest. • Minimum Re-treatment Interval: 0 days • See Rotational Crop

14/24

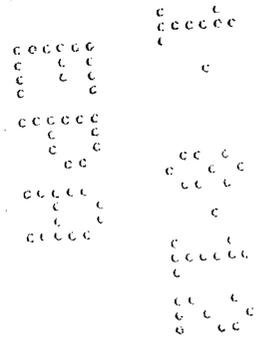
Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
beet armyworm cabbage looper cabbage webworm cross-striped cabbageworm cutworms (suppression only) fall armyworm garden webworm imported cabbageworm southern armworm true armyworm yellowstriped armyworm	8 - 10 (0.12 - 0.16 lb ai/acre)	For mid- to late-season applications, heavier infestations, and under conditions in which thorough coverage is more difficult. For heavy infestations, continuous moth flights, and/or egg masses and larvae in all stages of development, a 10- to 14- day re-treatment interval is required to protect new growth until moth flights and/or hits subside.	Restrictions on the label affixed to the container.
diamondback moth (suppression only)	12 - 16 (0.19 - 0.25 lb ai/acre)	Infestations and crop damage are reduced when applied at initiation of egg laying.	

Ground Application: Apply in a minimum of 10 gallons per acre by conventional ground equipment to young crop or small plants. Apply in a minimum of 20 gallons per acre to densely foliated or difficult to cover crops to ensure thorough coverage. Use a spray volume that assures uniform coverage of the infested portions of the treated crop. Calibrate equipment to the desired spray volume.

Aerial Application: Apply in a minimum of 10 gallons per acre.

Spray Adjuvants: The addition of agricultural adjuvants to sprays of Intrepid 2F may improve initial spray deposits, redistribution and weatherability. Select adjuvants that are recommended and registered for your specific use pattern and follow their use directions. When an adjuvant is to be used with this product, Dow AgroSciences recommends the use of a Chemical Producers and Distributors Association certified adjuvant. Always add adjuvants last in the mixing process.

Note: Drift and runoff from applications of this product may be hazardous to sensitive aquatic invertebrates in water bodies adjacent to the treatment area. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.



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Supplemental Labeling



Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054 USA

Intrepid® 2F EPA Reg. No. 62719-442

Control of Lepidoptera Larvae Infesting Caneberries (Subgroup 13-07A)¹ (Not for Use and Distribution in New York State)

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Intrepid® 2F insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Intrepid 2F according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Intrepid 2F.

Directions for Use

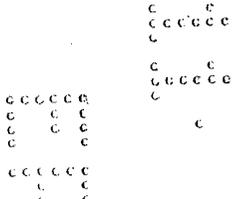
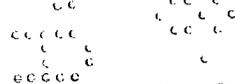
¹Caneberries (subgroup 13-07A) including bababerry, bingleberry, blackberry, blackcap, black raspberry, black satin berry, boysenberry, caneberry, Cherokee blackberry, chesterberry, Cheyenne blackberry, coryberry, darrowberry, dewberry, dirksen thornless berry, framboise, frambueso, Himalayaberry, himbeere, hullberry, keriberry, lavacaberry, loganberry, lowberry, lucretiaberry, mammoth blackberry, marionberry, mayberry, nectarberry, olallieberry, Oregon evergreen berry, phenomenalberry, rangerberry, ravenberry, red raspberry, rossberry, Shawnee blackberry, thimbleberry, tulaeen, yellow raspberry, youngberry, cultivars, varieties, and/or hybrids of these

Refer to product label for General Information, Mixing and Application directions.

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
cherry fruitworm cranberry fruitworm	10 - 16 (0.16 - 0.25 lb ai/acre)	Apply at initiation of egg laying [approximately 400 Day Degrees (DD) base 50°F] following biofix ¹ . Make a second application at 100% petal fall (usually 7 to 14 days following the first application). An additional application (third) no sooner than 7 days following the second application may be required under high pressure or sustained moth flight.	<ul style="list-style-type: none"> • Do not apply more than a total of 48 fl oz of Intrepid 2F (0.75 lb ai) per acre per calendar year or make more than 3 applications per calendar year. • Preharvest Interval: Do not apply within 3 days of harvest. • Minimum Re-treatment Interval: 7 days • See Rotational Crop

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62719-442

16/24

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
light brown apple moth obliquebanded leafroller		Spring (overwintering) generation: Make one or two applications at bloom to petal fall to small larvae when threshold levels occur. Summer generation: Begin applications at peak moth flight (200 to 300 DD base 43°F) following biofix. An additional application (third) no sooner than 7 days following the second application may be required under high pressure or sustained moth flight.	Restrictions on the label affixed to the container.
redbanded leafroller variegated leafroller		For control of other leafrollers, apply at early egg hatch for each generation. Make the first application before webbing and sheltering begins. Make a second application to ensure complete coverage of rapidly expanding fruits or foliage.	
spanworm		Apply when first signs of feeding damage appear or when infestations reach threshold levels as defined by cooperative extension service or other qualified professional authorities.	
green fruitworm		Apply when larvae are first detected in the clusters or when infestations reach threshold levels as defined by cooperative extension service or other qualified professional authorities.	
armyworm cutworm	8 – 16 (0.12 – 0.25 lb ai/acre)	Apply when first signs of feeding damage appear or when infestations reach threshold levels as defined by cooperative extension service or other qualified professional authorities.	
gypsy moth	4 – 8 (0.06 – 0.12 lb ai/acre)	Apply to early instars (1st, 2nd, or 3rd) at first signs of infestation.	

¹Biofix is defined as first sustained adult catch in pheromone traps, typically five moths in three traps within a 7-day period. Consult state extension specialists or other qualified authorities for specific information regarding number, placement and management of pheromone traps.

Ground Application: Apply in a minimum of 30 gallons per acre by conventional ground equipment. Use a spray volume that assures uniform coverage of the infested portions of the treated crop. Calibrate equipment to the desired spray volume.

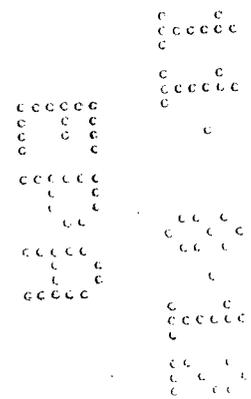
Aerial Application: Apply in a minimum of 10 gallons per acre. Use a higher carrier volume for heavy

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infestations and in situations where thorough coverage is difficult to achieve.

Spray Adjuvants: The addition of agricultural adjuvants to sprays of Intrepid 2F may improve initial spray deposits, redistribution and weatherability. Select adjuvants that are recommended and registered for your specific use pattern and follow their use directions. When an adjuvant is to be used with this product, Dow AgroSciences recommends the use of a Chemical Producers and Distributors Association certified adjuvant. Always add adjuvants last in the mixing process.

Note: Drift and runoff from applications of this product may be hazardous to sensitive aquatic invertebrates in water bodies adjacent to the treatment area. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.



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R846-081

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Initial printing.

ACCEPTED
 with COMMENTS
 in EPA Letter Dated 10/24
 OCT 29 2013
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under EPA Reg. No.
 62719-442

Supplemental Labeling



Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054 USA

Intrepid® 2F EPA Reg. No. 62719-442

**Control of Carob Moths Infesting Dates
 (Not for Use and Distribution in New York State)**

- ATTENTION**
- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
 - This labeling must be in the possession of the user at the time of application.
 - Read the label affixed to the container for Intrepid® 2F insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
 - Use of Intrepid 2F according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Intrepid 2F.

Directions for Use

Refer to product label for General Use Precautions, Mixing and Application instructions.

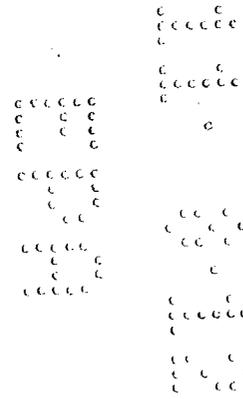
Target Pest	Intrepid 2F fl oz/acre	Application Timing	Restrictions
carob moth	10 - 20 (0.16 - 0.31 lb ai/acre)	<p>For control of light to moderate infestations, begin applications before egg hatch of each generation and before the larvae penetrate the fruit. Once applied, the product provides 10 to 18 days of protection depending upon application rate and how rapidly fruit is expanding. Consult local spray timing advisories or follow biofix dates based on pheromone trap catches to time sprays appropriately.</p> <p>For continuous moth flight and egg laying, use the highest labeled rate. Maintain coverage on the fruit surface with 10- to 18-day re-treatment intervals.</p> <p>Alternate or intersperse with other insecticides with different modes of action targeted for the same pest so long as the re-treatment interval does not exceed the period of effectiveness of the products being alternated and Intrepid 2F is applied before larvae penetrate the fruit.</p>	<ul style="list-style-type: none"> • Do not apply more than 20 fl oz per acre per application or a total of 64 fl oz of Intrepid 2F (1 lb ai) per acre per season. • Preharvest Interval: Do not apply within 7 days of harvest. • Minimum Re-treatment Interval: 10 days

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Ground Application: Apply a minimum of 100 gallons per acre. Equipment and spray volume should be calibrated to assure uniform coverage of infested parts of the crop.

Spray Adjuvants: The addition of agricultural adjuvants to sprays of Intrepid 2F can improve initial spray deposits, redistribution and weatherability, and is highly recommended for improved efficacy. Select adjuvants that are recommended and registered for your specific use pattern and follow their use directions. When an adjuvant is to be used with this product, Dow AgroSciences recommends the use of a Chemical Producers and Distributors Association certified adjuvant. Always add adjuvants last in the mixing process.

Note: Drift and runoff from applications of this product may be hazardous to sensitive aquatic invertebrates in water bodies adjacent to the treatment area. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.



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62719-442

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Supplemental Labeling



Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054 USA

Intrepid[®] 2F

EPA Reg. No. 62719-442

Control of Lepidoptera Larvae Infesting Fruiting Vegetables (Crop Group 8-10)¹ (Not for Use and Distribution in New York State)

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Intrepid[®] 2F insecticide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Intrepid 2F according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Intrepid 2F.

Directions for Use

¹Fruiting vegetables (crop group 8-10) including African eggplant, bell pepper, bush tomato, cocona, currant tomato, eggplant, garden huckleberry, goji berry, groundcherry, hot pepper, martynia, naranjilla, nonbell pepper, okra, pea eggplant, pepino, pimento pepper, roselle, scarlet eggplant, sunberry, sweet pepper, tomatillo, tomato, tree tomato, cultivars, varieties and/or hybrids of these

Refer to product label for General Information, Mixing and Application directions.

Pests	Application Rate (fl oz/acre)	Application Timing	Restrictions
beet armyworm cabbage looper European corn borer fall armyworm southern armyworm tomato hornworm true armyworm yellowstriped armyworm	4 - 8 (0.06 - 0.12 lb ai/acre)	For early season applications only to young crops and small plants. Apply at first sign of feeding damage or when infestations reach threshold levels as defined by a cooperative extension service or other qualified professional authorities.	<ul style="list-style-type: none"> • Do not apply more than 16 fl oz per acre per application or a total of 64 fl oz of Intrepid 2F (1 lb ai) per acre per season. • Preharvest Interval: Do not apply within 1 day of harvest. • See Rotational Crop Restrictions on the label affixed to the container.
western yellowstriped armyworm	8 - 16 (0.12 - 0.25 lb ai/acre)	For mid- to late-season applications, heavier infestations, and under conditions in which thorough coverage is more difficult. For heavy infestations, continuous moth flights, and/or egg masses and larvae in all stages of development, a 7- to 14-day re-treatment interval is required to protect new growth until moth flights and/or larval infestations subside.	

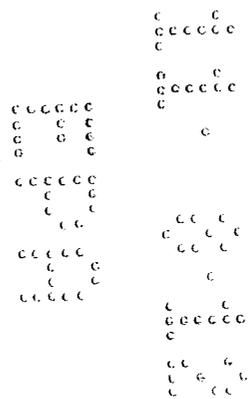
tomato fruitworm (suppression only)	10 - 16 (0.16 – 0.25 lb ai/acre)	Apply at first sign of feeding damage or when infestations reach threshold levels as defined by a cooperative extension service or other qualified professional authorities. May provide partial control when infestations reach high levels.	
tomato pinworm (suppression only)		Leafmining and infestations of leafmining phase are reduced when applied at initiation of egg laying.	

Ground Application: Apply in a minimum of 10 gallons per acre by conventional ground equipment to young crop or small plants. Apply in a minimum of 20 gallons per acre to densely foliated or difficult to cover crops to ensure thorough coverage. Use a spray volume that assures uniform coverage of the infested portions of the treated crop. Calibrate equipment to the desired spray volume.

Aerial Application: Apply in a minimum of 10 gallons per acre.

Spray Adjuvants: The addition of agricultural adjuvants to sprays of Intrepid 2F may improve initial spray deposits, redistribution and weatherability. Select adjuvants that are recommended and registered for your specific use pattern and follow their use directions. When an adjuvant is to be used with this product, Dow AgroSciences recommends the use of a Chemical Producers and Distributors Association certified adjuvant. Always add adjuvants last in the mixing process.

Note: Drift and runoff from applications of this product may be hazardous to sensitive aquatic invertebrates in water bodies adjacent to the treatment area. Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.



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